

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24	(harres with daniel).in. and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 10:23
S2	29	(harres with daniel).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 08:57
S3	17	((("6570149") or ("6547448") or ("6515315") or ("6437362") or ("6369897") or ("6334020") or ("6266169") or ("6128112") or ("6124663") or ("6078714") or ("5892868") or ("5809220") or ("5563174") or ("5295212") or ("5222166") or ("5136295") or ("5119679"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:45
S4	17	((("6570149") or ("6547448") or ("6515315") or ("6437362") or ("6369897") or ("6334020") or ("6266169") or ("6128112") or ("6124663") or ("6078714") or ("5892868") or ("5809220") or ("5653174") or ("5295212") or ("5222166") or ("5136295") or ("5119679"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 10:43
S5	4	(noise-feedback or noise-feedback) near control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 10:52
S6	42	noise near feedback near control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 11:34
S7	93	(photodiode or APD) and noise level and feedback near (control\$4 or adjust\$4) and gain and monitor and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 11:31
S8	109	(photodiode or APD) and noise level and feedback near (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 11:33

## EAST Search History

S9	106	S8 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 11:37
S10	106	S9 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 11:40
S11	105	S10 and receiv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 11:41
S12	15	(photodiode or APD) and (noise near (level or variance)) and feedback and (adjust\$4 or control\$4 or vary\$3) near (gain or input voltage or HV) and monitor\$3 and controller and optical and electrical and ( ((bit or data) near "1") or high state or hihg-state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 11:58
S13	15	(photodiode or APD) and (noise near (level or variance)) and feedback and (adjust\$4 or control\$4 or vary\$3) near (gain or input voltage or HV) and monitor\$3 and controller and optical and electrical and ( ((bit or data) near "1") or high state or high-state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 12:02
S14	6	S2 and ((bit or data) near "1")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 12:01
S15	19	(photodiode or APD) and (noise near (level or variance)) and feedback and (adjust\$4 or control\$4 or vary\$3) near (gain or input voltage or HV) and monitor\$3 and control\$3 and optical and electrical and ( ((bit or data) near "1") or high state or high-state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 13:04

## EAST Search History

S16	49	((("5004907") or ("4947459") or ("5010588") or ("5198657") or ("5220164") or ("5929982") or ("6128112") or ("4464048") or ("4805236") or ("5023951") or ("5280191") or ("5308995") or ("5331452") or ("5748351") or ("6222660") or ("6222660") or ("6242732") or ("6330059") or ("6515315") or ("6553159") or ("6556327") or ("6795657") or ("7024059") or ("7045833") or ("7171128") or ("20020101641") or ("20020114038") or ("20030047752") or ("20030081297") or ("20030081298") or ("20030198476") or ("20040264982") or ("4761383") or ("5539221") or ("5686734") or ("5723877") or ("6127692") or ("4803579") or ("4813032") or ("5260560") or ("5453629") or ("5563869") or ("5577018") or ("5742577") or ("5744849") or ("5783838") or ("5847418") or ("5869851") or ("5985689") or ("6117702"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 13:05
S18	13	("3349371"   "4257125"   "4302845"   "4581750"   "4606052"   "5081644"   "5170396"   "5175507"   "5694231").PN. OR ("6128112").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/17 17:54
S19	2	("5305323"   "6356302").PN. OR ("6795657").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/17 19:08
S24	6	(hiroshi with tezuka).in. and subscriber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 19:34
S25	0	("20000217061").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 19:35
S26	0	("200000217061").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 19:35

## EAST Search History

S27	2	(takeo with koinuma).in. and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/17 19:37
S28	2	("20050213977").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 19:37
S29	14	(photodiode or APD) and noise and RMS level	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 10:10
S30	393	(photodiode or APD) and ((noise or RMS) level) and feedback and (control\$4 or adjust\$4) and monitor and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 11:32
S31	109	(photodiode or APD) and noise level and feedback near (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 11:33
S32	300	S30 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08
S33	29	(harres with daniel).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08
S34	43	noise near feedback near control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08
S35	109	(photodiode or APD) and noise level and feedback near (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08
S36	106	S35 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08

## EAST Search History

S37	106	S36 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:08
S38	393	(photodiode or APD) and ((noise or RMS) level) and feedback and (control\$4 or adjust\$4) and monitor and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 17:39
S39	303	S38 not S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:10
S40	276	S39 and compar\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:14
S41	202	S40 and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:11
S42	96	S41 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:11
S43	257	S39 and (comparator or compare or comparison or comparing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:16
S44	119	S43 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 17:16
S45	13	("3349371"   "4257125"   "4302845"   "4581750"   "4606052"   "5081644"   "5170396"   "5175507"   "5694231").PN. OR ("6128112").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/19 18:22
S46	2	("6795657").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/19 18:22

## EAST Search History

S47	2	("5305323"   "6356302").PN. OR ("6795657").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/19 18:22
S48	2	("6222660").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/19 18:23
S49	11	("5808760"   "5953690"   "6072609").PN. OR ("6222660").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/19 20:04
S51	23	(harres with daniel).in. and (vehicle or aircraft or fuselage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 10:23
S52	9	(harres with daniel).in. and fuselage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 08:59
S53	97	(photodiode or APD) and noise and feedback near (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical and (vehicle or aircraft or fuselage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 13:24
S54	55	(photodiode or APD) and noise and feedback near (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical and (airplane or aircraft or fuselage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:08
S55	54	S54 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:01
S56	4	(photodiode or APD) with (airplane or aircraft or fuselage or aerospace) and noise and (control\$4 or adjust\$4) and gain and monitor\$3 and optical and electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:19
S57	1	(photodiode or APD) with fuselage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:17

## EAST Search History

S58	17	(photodiode or APD) with (airplane or aircraft or fuselage or aerospace) and fiber optics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:20
S59	17	((("6570149") or ("6547448") or ("6515315") or ("6437362") or ("6369897") or ("6334020") or ("6266169") or ("6128112") or ("6124663") or ("6078714") or ("5892868") or ("5809220") or ("5563174") or ("5295212") or ("5222166") or ("5136295") or ("5119679"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/20 09:52
S60	17	((("6570149") or ("6547448") or ("6515315") or ("6437362") or ("6369897") or ("6334020") or ("6266169") or ("6128112") or ("6124663") or ("6078714") or ("5892868") or ("5809220") or ("5653174") or ("5295212") or ("5222166") or ("5136295") or ("5119679"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/20 10:19
S61	1	S60 not S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 09:46
S62	1	(arnon with shlomi).in. and photodiode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 10:20
S63	2	("20040264982").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 10:34
S64	2	("20020114038").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 11:52
S65	2	("6128112").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:15

## EAST Search History

S66	2	("6795657").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:15
S67	30	(photodiode or APD) with optical amplifier with transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 13:25
S68	13	(photodiode or APD) and ((noise or RMS) level) and feedback and (control\$4 or adjust\$4) and monitor and optical and electrical and (398/115,38,157,202-213 or 399/286 or 250/214 or 372/29.021).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 17:50
S69	3	((("6795675") or ("5270533") or ("5907569"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/20 17:46
S70	105	(photodiode or APD) and noise and feedback and (control\$4 or adjust\$4) and monitor and (398/115,38,157,202-213 or 399/286 or 250/214 or 372/29.021).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 17:50